

Comparisons of Job Characteristics

Focus Occupation: [Medical Equipment Preparers \(31-9093\)](#)

Associated Occupation: [Dental Assistants \(31-9091\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 77

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Dental Assistants (31-9091)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	15.9	16.9	0	Current knowledge level may be sufficient
Medicine and Dentistry	3.7	15.5	8.4	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Dental Assistants (31-9091)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Service Orientation	7.9	9.3	7.8	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Dental Assistants (31-9091)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	10.2	10.6	0	Current ability level may be sufficient

Finger Dexterity	7.6	9.6	9.6	0	Current ability level may be sufficient
Control Precision	6.6	9.0	7.8	<	Some improvement in abilities may be required
Manual Dexterity	6.5	8.4	8.6	0	Current ability level may be sufficient
Extent Flexibility	4.8	7.3	6.7	0	Current ability level may be sufficient
Gross Body Coordination	3.9	5.4	5.5	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 76

Focus Occupation: Medical Equipment Preparers (31-9093)
Associated Occupation: Dental Assistants (31-9091)

Work Activities	Exclusivity of Activity
Set up patient care equipment	75
Sterilize or disinfect instruments	92

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 43

Focus Occupation: Medical Equipment Preparers (31-9093)
Associated Occupation: Dental Assistants (31-9091)

Tools and Technologies	Exclusivity
Autoclave and sterilizer equipment and accessories	12
Business function specific software	1
Computers	1
Content authoring and editing software	1
Information exchange software	1
Presterilization cleaning equipment and solutions	24

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.